NDIA Munitions Executive Summit

PM Panel

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Equipping US and Allied Warfighters with World Class Direct Fire Combat and Training Ammunition Through Strategic Life Cycle Management

Distribution Statement A:
Approved for Public Release; distribution is unlimited.
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Product Manager Large Caliber

LTC Brian Gruchacz

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Support to Warfighter

- **New Rounds Fielded in FY11**
  - 5.56mm Enhanced Performance Round (EPR)
    - Performance Improvement- Army Top 10 - Packard Award
- **New Rounds/Technologies in FY12/13**
  - 5.56mm EPR Tracer
  - 5.56mm M1037 SRTA
  - 7.62mm M80A1 "EPR"
    - Performance improvement
  - 30mm M789 Improved Propellant
    - Safety/Performance improvement
  - 105mm M724A2 TPFSDS-T
  - 120mm Advanced Case System & Improved Propellant
    - Safety improvements

Deliveries: FY11	
Small Caliber	1,448,008,348
Medium Caliber	14,017,163
40mm	13,605,404
Large Caliber	130,362
NSA	225,376,781
Total	1,691,138,051

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S&T Priorities

Small Caliber

(Enable Dismount Fight)

- Lightweight Cases / Ammo
- Day / Night Low-Observable Trace

Medium Caliber

(More Effectiveness - Increase Training Realism)

- 30/40mm Air Burst Capability
- 40mm Non-Dud Producing Technology

Large Caliber

(Maintain Overmatch)

- DU Replacement Technology
- Advanced Multi-Purpose Capability

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PM-MAS Business Opportunities

FY12/FY13 Major Competitions

- LCAAP-$8.4B (FY13-22) Requirements/IDIQ/Facilities
- Non Standard Ammo $250M (FY12-17) BOA/IDIQ orders
- 40mm Non-Dud Producing - $49M (FY13-14) Multiple FFP Contracts w/option
- .300 WinMag - $26M (FY14-18) Requirements
- 40mm Non Recurring Engineering - $25M (FY13-18) Multiple Award IDIQs

Other Competitions

- PA 125 cans-$11.5M
- .38 Cal & .45 Cal - $7M

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Industrial Base Challenges

DECLINING POM

	Small Caliber	Medium Caliber	Large Caliber
	- RIFLE -	- CANNON CALIBER -	- 105/120mm -
Challenges:	Maintain LCAAP & Second Source	Maintaining a minimum of two Sources in cost effective manner	Maintaining two sources in cost effective manner
	Support EPR & Leaded Production		Can we keep Depleted Uranium (DU) Base?

	- PISTOL -	- 40mm GRENADE -
Challenges:	Be ready to accommodate new calibers	Switch focus to Training Ammo & NDP
		Maintain Pyrotechnic Base

INDUSTRIAL BASE PRESERVATION

Outlook:

1. Base will have to shrink
2. Looking for innovative way to keep & address 40mm Pyro and DU Base

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